

Andreanov earthquake at 04:04:00 June 10, 1996 = 162.169444

Table information

1

plot number	Latitude [°N]	Longitude [°E]	Station	Id	Sensor	dt [sec]	T	ETA [hrs]	file Start UTC June 1996	file End UTC June 1996	record length	Mean [m]	Contact
1	44.0172	144.2897	Abashiri	JMA		60	?	4.4431	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.681	Y.Tanioka
54	31.5733	131.4114	Aburatsu	JMA		60	?	8.1361	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.208	Y.Tanioka
16	35.1567	139.6183	Aburatsubo			60	N	5.8458	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.803	Y.Tanioka
104	51.8633	-176.6317	Adak	NOS 94613808	Druck	15	Y	0.1500	08 08:16:20=160.344676	14 00:37:50=166.026273	32727	2.535	J.Wendland
105	51.8633	-176.6317	Adak	NOS 94613801	Aquatrak	60	Y	0.1500	09 03:24:00=161.141667	15 19:09:00=167.797917	9586	1.468	J.Wendland
106	51.5200	-176.3800	Adak, Alaska	PTWC	ADR	120	Y	0.2972	08 23:32:00=160.980556	13 23:30:00=165.979167	3600	2.231	B.Kilonsky
107	51.5200	-176.3800	Adak, Alaska	PTWC	BUB	120	Y	0.2972	08 23:32:00=160.980556	13 23:30:00=165.979167	3600	2.231	B.Kilonsky
97	54.2902	-158.5470	AK70	PMEL	BPR	15	Y	2.0667	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	1751.928	M. Eble
101	53.4233	-157.2777	AK71	PMEL	BPR	15	Y	2.0333	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	4831.798	M. Eble
102	52.0392	-158.7513	AK72	PMEL	BPR	15	Y	1.8167	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	4943.092	M. Eble
103	52.0182	-155.7235	AK73	PMEL	BPR	15	Y	2.0667	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	4872.032	M. Eble
126	37.7717	-122.2983	Alameda	NOS 94147508	IMO	15	?	6.6667	08 09:14:20=160.384954	14 01:35:50=166.066551	32727	3.569	J.Wendland
123	38.9150	-123.7117	Arena Cove	NOS 94168418	IMO	15	Y	6.2333	08 05:38:20=160.234954	13 21:59:50=165.916551	32727	3.075	J.Wendland
124	38.9150	-123.7117	Arena Cove	NOS 94168411	Aquatrak	60	Y	6.2333	09 04:22:00=161.181944	17 21:31:00=169.896527	12550	9.654	J.Wendland
149	-18.4720	-70.3350	Arica Chile	PTWC	BUB	120	N	18.7792	08 23:34:00=160.981944	13 23:32:00=165.980555	3600	1.946	B.Kilonsky
111	46.2083	-123.7667	Astoria	NOS 94390408	Druck	15	?	5.8000	08 03:23:35=160.141377	13 19:45:05=165.822974	32727	2.965	J.Wendland
112	46.2083	-123.7667	Astoria	NOS 94390401	Aquatrak	60	N	5.8000	09 04:43:00=161.196528	15 20:42:00=167.862500	9600	1.964	J.Wendland
144	-0.4330	-90.2830	Baltra, Galapagos Ecuador	UHSLC	ENC	120	Y	14.7344	08 23:32:00=160.980556	13 23:30:00=165.979167	3600	9.338	B.Kilonsky
31	34.6500	140.9833	Boso-Obs1			60	N	4.8236	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	-6.846	Y.Tanioka
29	34.7500	140.7500	Boso-Obs2			60	N	4.8236	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	14.499	Y.Tanioka
27	34.8000	140.5167	Boso-Obs3			60	?	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	-2.917	Y.Tanioka
142	23.8830	-109.9000	Cabo San Lucas Mexico	UHSLC	ENC	120	?	9.1875	08 23:18:00=160.970833	13 23:16:00=165.969444	3600	10.034	B.Kilonsky
151	-27.0580	-70.8340	Caldera Chile	PTWC	BUB	120	Y	18.7983	08 23:56:00=160.997222	13 23:54:00=165.995833	3600	3.189	B.Kilonsky
148	-12.0710	-77.1740	Callao, La-Punta Peru	PTWC	ENC	120	?	17.0764	08 23:32:00=160.980556	13 23:30:00=165.979167	3600	3.813	B.Kilonsky
117	43.3450	-124.3217	Charleston	NOS 94327808	IMO	15	Y	6.0833	08 01:04:06=160.044514	13 17:25:21=165.725938	32726	3.007	J.Wendland
118	43.3450	-124.3217	Charleston	NOS 94327801	Aquatrak	60	?	6.0833	09 03:41:00=161.153472	16 06:17:00=168.261805	10237	2.206	J.Wendland
13	35.5650	140.0483	Chiba	JMA		60	N	5.8458	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.072	Y.Tanioka
56	27.0911	142.1914	Chichijima	JMA		60	Y	5.4139	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.504	Y.Tanioka
120	41.7450	-124.1833	Crescent City	NOS 94197508	IMO	15	Y	6.2167	08 07:49:35=160.326100	14 00:11:05=166.007697	32727	3.141	J.Wendland
121	41.7450	-124.1833	Crescent City	NOS 94197501	Aquatrak	60	Y	6.2167	09 02:35:00=161.107639	16 16:34:00=168.690278	10920	2.094	J.Wendland
11	35.7333	140.0483	Cyoshi	JMA		60	N	5.8458	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.791	Y.Tanioka
98	53.8800	-166.5383	Dutch Hbr,Unalaska	NOS 94626208	IMO	15	Y	1.6167	08 08:56:20=160.372454	14 01:17:50=166.054051	32727	2.901	J.Wendland
99	53.8800	-166.5383	Dutch Hbr,Unalaska	NOS 94626201	Aquatrak	60	Y	1.6167	09 01:57:00=161.081250	16 00:56:00=168.038889	10020	1.265	J.Wendland
100	53.5300	-166.3200	Dutch Hbr,Unalaska, Alaska	PTWC	BUB	120	?	1.4056	08 23:33:00=160.981250	13 22:31:00=165.938194	3570	2.530	B.Kilonsky
153	-27.1530	-109.4480	Easter Chile	PTWC	BUB	120	?	14.8736	08 23:56:00=160.997222	13 23:54:00=165.995833	3600	1.438	B.Kilonsky
152	-27.1500	-109.4483	Easter Island	NOS 99624208	IMO	15		14.8667	14 05:45:53=166.240197	15 16:59:38=167.708079	8456	1.620	J.Wendland
49	32.6833	128.8519	Fukue	JMA		60	N	9.1219	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.655	Y.Tanioka
160	13.4417	144.6533	Guam	NOS 16300008	Druck	15	N	6.7667	08 04:26:20=160.184954	13 20:47:50=165.866551	32727	5.670	J.Wendland
161	13.4417	144.6533	Guam	NOS 16300001	Aquatrak	60	N	6.7667	09 04:23:00=161.182639	15 18:22:00=167.765278	9480	0.993	J.Wendland
46	33.1278	139.8083	Hachijiyohima	JMA		60	Y	5.1222	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.020	Y.Tanioka
6	40.5289	141.5314	Hachinohe	JMA		60	?	4.5111	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.826	Y.Tanioka
5	41.7792	140.7283	Hakodate	JMA		60	N	4.1275	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.471	Y.Tanioka
65	21.6000	-158.1100	Haleiwa, Oahu, Hawaii	PTWC	ENC	120	Y	4.7344	09 01:26:00=161.059723	11 01:16:00=163.052779	1436	0.060	B.Kilonsky
131	34.4700	-120.6817	Harvest Platform, Ca	COE 63.1		15	N	6.8750	08 06:14:52=160.260324	17 18:34:52=169.774213	54801	15.74387	M. Eble
78	19.7300	-155.0567	Hilo	NOS 16177608	Druck	15	Y	5.4167	08 00:25:35=160.017766	13 16:46:50=165.699190	32726	2.500	J.Wendland

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Table information

2

plot number	Latitude [°N]	Longitude [°E]	Station	Id	Sensor	dt [sec]	T	ETA [hrs]	file Start UTC June 1996	file End UTC June 1996	record length	Mean [m]	Contact
79	19.7300	-155.0567	Hilo	NOS 16177601	Aquatrak	60	Y	5.4167	09 02:39:00=161.110417	14 16:38:00=166.693056	8040	1.544	J.Wendland
71	21.3033	-157.8650	Honolulu	NOS 16123408	Druck	15	Y	4.7333	09 01:08:05=161.047280	14 17:29:35=166.728877	32727	1.120	J.Wendland
72	21.3033	-157.8650	Honolulu	NOS 16123401	Aquatrak	60	Y	4.7333	09 02:44:00=161.113889	15 18:13:00=167.759028	9570	1.329	J.Wendland
70	21.3040	-157.8670	Honolulu, Oahu, Hawaii	PTWC	PTW	120	?	4.7344	09 03:18:00=161.137500	11 03:08:00=163.130556	1436	0.188	B.Kilonsky
136	33.6317	-117.9783	Huntington Beach, CA	COE 72.1		15	N	7.7069	08 06:10:46=160.257477	18 01:22:31=170.057303	56448	10.63984	M. Eble
52	32.4333	131.6667	Hyugashirahama			60	N	6.3692	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.152	Y.Tanioka
58	24.3317	124.1558	Ishigakijima	JMA		60	N	8.0611	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.197	Y.Tanioka
9	38.4167	141.2667	Ishinomaki	JMA		60	Y	4.4389	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.874	Y.Tanioka
22	34.9483	139.1383	Ito	JMA		60	N	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.213	Y.Tanioka
85	16.7383	-169.5300	Johnston Island	NOS 16190008	Druck	15	?	5.1167	08 01:52:20=160.078009	13 18:13:50=165.759606	32727	1.819	J.Wendland
86	16.7383	-169.5300	Johnston Island	NOS 16190001	Aquatrak	60	Y	5.1167	09 02:09:00=161.089583	15 19:08:00=167.797222	9660	0.939	J.Wendland
84	16.7390	-169.5233	Johnston, Territory	PTWC	BUB	120	?	5.1192	08 23:36:00=160.983333	13 23:34:00=165.981944	3600	2.022	B.Kilonsky
53	31.5775	130.5728	Kagoshima	JMA		60	N	6.6319	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.589	Y.Tanioka
74	20.8950	-156.4683	Kahului	NOS 16156808	Druck	15	Y	5.0000	08 08:33:05=160.356308	14 00:54:35=166.037905	32727	1.832	J.Wendland
75	20.8950	-156.4683	Kahului	NOS 16156801	Aquatrak	60	Y	5.0000	09 01:33:00=161.064583	17 09:32:00=169.397222	12000	1.059	J.Wendland
73	20.8980	-156.4720	Kahului, Maui, Hawaii	PTWC	ENC	120	Y	4.9958	09 01:02:00=161.043056	11 00:52:00=163.036112	1436	-0.168	B.Kilonsky
80	19.5000	-154.8170	Kapoho, Hawaii, Hawaii	PTWC	ENC	120	N	5.1833	09 02:36:00=161.108334	11 02:26:00=163.101390	1436	0.398	B.Kilonsky
77	20.0367	-155.8300	Kawaihae	NOS 16174331	Druck	60	Y	5.0000	09 00:06:00=161.004167	15 21:05:00=167.878473	9900	1.044	J.Wendland
43	33.4975	133.5786	Kochi	JMA		60	N	6.1178	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.179	Y.Tanioka
91	57.7317	-152.5117	Kodiak	NOS 94572928	IMO	15	Y	2.7333	08 09:07:20=160.380093	14 01:28:50=166.061690	32727	2.777	J.Wendland
92	57.7317	-152.5117	Kodiak	NOS 94572921	Aquatrak	60	Y	2.7333	09 04:06:00=161.170833	15 22:44:00=167.947222	9759	9.160	J.Wendland
93	57.4400	-152.2900	Kodiak, Alaska	PTWC	BUB	120	Y	2.7372	08 23:34:00=160.981944	13 23:32:00=165.980555	3600	2.528	B.Kilonsky
39	34.0058	134.5900	Komatsujima	JMA		60	?	5.9194	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.079	Y.Tanioka
36	34.2050	139.1367	Kozujima	JMA		60	?	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.276	Y.Tanioka
51	32.6019	130.1969	Kuchinotsu	JMA		60	N	8.8889	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.015	Y.Tanioka
3	42.9722	144.3750	Kushiro	JMA		60	N	4.1014	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.866	Y.Tanioka
165	8.7367	167.7383	Kwajalein	NOS 18200001	Aquatrak	60	Y	6.3333	09 02:30:00=161.104167	15 19:29:00=167.811806	9660	1.545	J.Wendland
138	32.8667	-117.2583	La Jolla	NOS 94102308	IMO	15	N	7.7833	07 23:18:06=159.970903	13 15:39:36=165.652500	32727	4.694	J.Wendland
139	32.8667	-117.2583	La Jolla	NOS 94102301	Aquatrak	60	N	7.7833	09 02:56:00=161.122222	16 16:55:00=168.704861	10920	2.111	J.Wendland
145	-2.2090	-80.9020	La Libertad Ecuador	PTWC	ENC	120	?	16.1650	08 23:26:00=160.976389	13 23:24:00=165.975000	3600	2.656	B.Kilonsky
76	20.8750	-156.6920	Lahaina, Maui, Hawaii	PTWC	PTW	120	?	4.9917	09 03:04:00=161.127778	11 02:54:00=163.120834	1436	0.232	B.Kilonsky
162	13.1611	123.7578	Legaspi Philippines	PTWC	ENC	120	N	8.4622	08 23:06:00=160.962500	13 23:04:00=165.961111	3600	4.576	B.Kilonsky
163	13.1611	123.7578	Legaspi Philippines	PTWC	PRS	120	N	8.4622	08 23:06:00=160.962500	13 23:04:00=165.961111	3600	2.085	B.Kilonsky
147	-6.9350	-80.7200	Lobos de Afuera Peru	PTWC	ENC	120	Y	16.1747	08 23:20:00=160.972222	13 23:18:00=165.970833	3600	1.468	B.Kilonsky
134	33.7200	-118.2550	Los Angeles	NOS 94106608	IMO	15	N	7.7000	08 08:36:20=160.358565	14 00:57:50=166.040162	32727	3.436	J.Wendland
135	33.7200	-118.2550	Los Angeles	NOS 94106601	Aquatrak	60	N	7.7000	08 21:11:00=160.882639	16 06:10:00=168.256945	10620	2.013	J.Wendland
30	34.6789	137.6119	Maisaka	JMA		60	N	5.5761	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.646	Y.Tanioka
69	21.3232	-157.6715	Makapu'u, Oahu, Hawaii	PTWC	ENC	120	Y	4.7344	09 00:42:00=161.029167	11 00:32:00=163.022223	1436	0.276	B.Kilonsky
55	31.2642	130.2953	Makurazaki	JMA		60	?	7.9025	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.501	Y.Tanioka
166	7.3320	134.4640	Malakal, Koror Palau	PTWC	ENC	120	?	8.3069	08 23:02:00=160.959722	13 23:00:00=165.958333	3600	7.040	B.Kilonsky
17	35.1500	139.1500	Manazuru			60	N	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.547	Y.Tanioka
59	28.2117	-177.3600	Midway	NOS 16199108	Druck	15	Y	3.1500	08 07:08:20=160.297454	13 23:29:50=165.979051	32727	1.769	J.Wendland
60	28.2010	-177.3510	Midway, Hawaii	PTWC	BUB	120	Y	3.1650	09 00:00:00=161.000000	13 22:58:00=165.956944	3570	1.495	B.Kilonsky
32	34.6217	138.8900	Minamiizu			60	?	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.705	Y.Tanioka
50	32.6197	130.4539	Misumi	JMA		60	?	8.8889	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.302	Y.Tanioka

Andreanov earthquake at 04:04:00 June 10, 1996 = 162.169444

Table information

3

plot number	Latitude [°N]	Longitude [°E]	Station	Id	Sensor	dt [sec]	T	ETA [hrs]	file Start UTC June 1996	file End UTC June 1996	record length	Mean [m]	Contact
38	34.0600	139.4833	Miyakejima	JMA		60	?	5.0444	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.322	Y.Tanioka
7	39.6408	141.9789	Miyako	JMA		60	N	4.4178	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.822	Y.Tanioka
67	21.4333	-157.7900	Mokuoloe	NOS 16124808	Druck	15	Y	4.7333	08 06:10:21=160.257187	13 22:31:51=165.938784	32727	1.473	J.Wendland
68	21.4333	-157.7900	Mokuoloe	NOS 16124801	Aquatrak	60	Y	4.7333	09 03:52:00=161.161111	16 21:51:00=168.910417	11160	1.153	J.Wendland
127	36.6050	-121.8883	Monterey Harbor	NOS 94134508	IMO	15	?	6.0667	08 05:39:05=160.235475	13 22:00:35=165.917072	32727	3.681	J.Wendland
128	36.6050	-121.8883	Monterey Harbor	NOS 94134501	Aquatrak	60	Y	6.0667	09 03:14:00=161.134722	17 22:13:00=169.925694	12660	1.794	J.Wendland
45	33.2631	134.1672	Murotomisaki	JMA		60	N	6.1178	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.245	Y.Tanioka
48	32.7311	129.8689	Nagasaki	JMA		60	N	8.8889	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.725	Y.Tanioka
18	35.0881	136.8839	Nagoya	JMA		60	N	5.8417	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.338	Y.Tanioka
57	26.2089	127.6675	Naha	JMA		60	?	7.3775	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.272	Y.Tanioka
63	21.9550	-159.3567	Nawiliwili	NOS 16114008	Druck	15	Y	4.5333	08 06:40:20=160.278009	13 23:01:50=165.959606	32727	1.547	J.Wendland
64	21.9550	-159.3567	Nawiliwili	NOS 16114001	Aquatrak	60	Y	4.5333	09 03:19:00=161.138194	15 23:18:00=167.970833	9840	0.972	J.Wendland
62	21.9600	-159.3700	Nawiliwili, Kauai, Hawaii	PTWC	ENC	120	Y	4.7125	08 22:06:00=160.920834	10 22:00:00=162.916667	1438	0.097	B.Kilonsky
108	48.3667	-124.6117	Neah Bay	NOS 94430908	Druck	15	Y	5.4500	09 01:27:51=161.061007	14 17:49:21=166.742604	32727	3.496	J.Wendland
109	48.3667	-124.6117	Neah Bay	NOS 94430901	Aquatrak	60	Y	5.4500	09 00:25:00=161.017361	15 18:24:00=167.766667	9720	1.702	J.Wendland
2	43.3417	145.5900	Nemuro	JMA		60	N	4.4444	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.957	Y.Tanioka
159	-19.0525	-169.9214	Niue Niue	PTWC	BUB	120		10.0706	08 23:29:00=160.978472	13 23:27:00=165.977083	3600	-0.060	B.Kilonsky
122	40.7667	-124.2167	No.Spit	NOS 94187678	IMO	15	?	6.2833	06 06:00:51=158.250590	11 22:22:21=163.932187	32727	3.728	J.Wendland
137	33.2050	-117.3883	Oceanside O Dock, CA	COE 69.1		15		7.7069	08 06:01:43=160.251192	17 21:09:28=169.881574	55472	4.94947	M. Eble
8	39.0167	141.7572	Ofunato	JMA		60	?	4.4178	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.842	Y.Tanioka
33	34.6053	138.2250	Omaezaki	JMA		60	Y	5.5761	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.935	Y.Tanioka
10	36.9339	140.8953	Onahama	JMA		60	N	4.4497	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.750	Y.Tanioka
28	34.7861	139.3944	Oshima	JMA		60	?	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.810	Y.Tanioka
37	34.0733	136.2103	Owase	JMA		60	Y	5.6111	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.945	Y.Tanioka
155	-14.2800	-170.6900	Pago Pago	NOS 17700008	Druck	15	Y	9.3833	07 06:22:35=159.265683	12 22:44:05=164.947280	32727	2.216	J.Wendland
156	-14.2800	-170.6900	Pago Pago	NOS 17700001	Digibub	60	Y	9.3833	09 02:51:00=161.118750	15 19:08:00=167.797222	9618	2.087	J.Wendland
157	-17.5350	-149.5717	Papeete	NOS 17324178	IMO	15	N	10.5667	08 01:58:20=160.082176	13 18:19:50=165.763773	32727	2.640	J.Wendland
125	37.9967	-122.9750	Point Reyes	NOS 94150201	Aquatrak	60	Y	6.4167	09 03:02:00=161.126389	15 07:01:00=167.292361	8880	2.068	J.Wendland
119	42.7400	-124.4967	Port Orford	NOS 94316471	Aquatrak	60	Y	5.9000	09 03:14:00=161.134722	16 06:13:00=168.259028	10260	8.013	J.Wendland
129	35.1683	-120.7533	Port San Luis	NOS 94121108	IMO	15	Y	6.8667	08 04:01:20=160.167593	13 20:22:50=165.849190	32727	2.890	J.Wendland
130	35.1683	-120.7533	Port San Luis	NOS 94121101	Aquatrak	60	N	6.8667	09 03:23:00=161.140972	17 03:22:00=169.140278	11520	1.563	J.Wendland
141	32.7133	-117.1733	San Diego	NOS 94101701	Aquatrak	60	N	7.7833	09 03:40:00=161.152778	15 21:39:00=167.902084	9720	2.005	J.Wendland
150	-26.2833	-80.1333	San Felix Chile	PTWC	BUB	120		17.5706	08 23:32:00=160.980556	13 23:30:00=165.979167	3600	1.197	B.Kilonsky
96	55.3333	-160.5017	Sand Point	NOS 94594501	Aquatrak	60	Y	2.3333	09 03:04:00=161.127778	16 12:03:00=168.502084	10620	10.330	J.Wendland
132	34.0083	-118.5000	Santa Monica	NOS 94108408	IMO	15	Y	7.7000	08 07:49:35=160.326100	14 00:11:05=166.007697	32727	3.141	J.Wendland
133	34.0083	-118.5000	Santa Monica	NOS 94108401	Aquatrak	60	N	7.7000	09 04:07:00=161.171528	15 20:06:00=167.837500	9600	1.560	J.Wendland
140	32.8667	-117.2567	Scripps Pier, Ca	COE 3.1		15	N	7.7903	08 05:53:43=160.245637	17 17:06:58=169.713172	54534	4.88873	M. Eble
87	60.1200	-149.4267	Seward	NOS 94550908	IMO	15	?	4.1833	08 23:12:36=160.967083	14 15:33:51=166.648507	32726	3.428	J.Wendland
88	60.1200	-149.4267	Seward	NOS 94550901	Aquatrak	60	?	4.1833	09 02:52:00=161.119444	16 08:51:00=168.368750	10440	3.463	J.Wendland
20	35.0086	138.5208	Shimizuko	JMA		60	?	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.873	Y.Tanioka
44	33.4725	135.7761	Shionomisaki	JMA		60	?	5.8222	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.112	Y.Tanioka
41	33.6800	135.3786	Shirahama	JMA		60	N	6.1250	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.131	Y.Tanioka
94	57.0517	-135.3417	Sitka	NOS 94516008	Druck	15	Y	4.3333	08 19:00:35=160.792072	14 11:22:05=166.473669	32727	3.850	J.Wendland
95	57.0517	-135.3417	Sitka	NOS 94516001	Aquatrak	60	Y	4.3333	09 03:25:00=161.142361	16 02:17:00=168.095139	10013	2.933	J.Wendland
143	18.7170	-110.0170	Socorro Mexico	PTWC	BUB	120	N	9.6539	08 23:19:00=160.971528	13 23:17:00=165.970139	3600	1.878	B.Kilonsky

Andreanov earthquake at 04:04:00 June 10, 1996 = 162.169444

Table information

4

plot number	Latitude [°N]	Longitude [°E]	Station	Id	Sensor	dt [sec]	T	ETA [hrs]	file Start UTC June 1996	file End UTC June 1996	record length	Mean [m]	Contact
116	44.6250	-124.0433	South Beach	NOS 94353808	IMO	15	?	5.9920	07 02:20:30=159.097569	12 18:42:00=164.779166	32727	3.794	J.Wendland
158	-18.1367	178.4250	Suva Fiji	NOS 19100001	Aquatrak	60	?	10.3833	09 02:37:00=161.109028	14 21:36:00=166.900000	8340	11.585	J.Wendland
26	34.8033	138.7667	Tago			60	N	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	2.445	Y.Tanioka
24	34.8667	136.9333	Taketoyo	JMA		60	N	5.6111	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.272	Y.Tanioka
146	-4.5833	-81.2833	Talara Peru	PTWC	ENC	120	Y	16.1483	08 23:22:00=160.973611	13 23:20:00=165.972222	3600	0.756	B.Kilonsky
23	34.9156	139.8281	Tateyama	JMA		60	N	5.0444	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.861	Y.Tanioka
61	23.7830	-166.2170	Tern, Fr. Frigate, Hawaii	UHSLC	BUB	120	Y	4.1900	08 23:29:00=160.978472	13 23:27:00=165.977083	3600	0.768	B.Kilonsky
34	34.4819	136.8275	Toba	JMA		60	N	5.6525	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.154	Y.Tanioka
40	33.7667	137.5833	Tokai-Obs			60	N	5.4528	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	6.476	Y.Tanioka
110	46.7083	-123.9650	Toke Point	NOS 94409101	Aquatrak	60	Y	5.8000	09 04:06:00=161.170833	17 17:55:00=169.746527	12350	2.567	J.Wendland
12	35.6456	139.7733	Tokyo	JMA		60	N	5.8458	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.093	Y.Tanioka
47	32.7758	132.9614	Tosashimizu	JMA		60	N	6.3692	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.251	Y.Tanioka
19	35.0142	138.8986	Uchiura	JMA		60	?	5.3053	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.896	Y.Tanioka
42	33.5547	135.8989	Uragami	JMA		60	Y	5.8222	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.962	Y.Tanioka
4	42.1617	142.7750	Urakawa	JMA		60	?	4.1275	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	0.858	Y.Tanioka
154	-33.0330	-71.6170	Valparaiso Chile	PTWC	BUB	120	Y	19.0344	08 23:24:00=160.975000	13 23:22:00=165.973611	3600	1.449	B.Kilonsky
66	21.4400	-158.1700	Waianae, Oahu, Hawaii	PTWC	ENC	120	Y	4.7344	09 02:10:00=161.090278	11 02:00:00=163.083334	1436	0.166	B.Kilonsky
35	34.2186	135.1483	Wakayama	JMA		60	N	6.1250	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.173	Y.Tanioka
81	19.2900	166.6183	Wake	NOS 18900008	Druck	15	?	4.7500	08 09:07:20=160.380093	14 01:28:50=166.061690	32727	2.777	J.Wendland
82	19.2900	166.6183	Wake	NOS 18900001	Aquatrak	60	?	4.7500	09 00:45:00=161.031250	15 20:44:00=167.863889	9840	1.523	J.Wendland
83	19.2892	166.6213	Wake, Territory	PTWC	BUB	120	?	4.7483	08 23:54:00=160.995833	13 23:52:00=165.994444	3600	1.185	B.Kilonsky
114	45.9333	-129.9805	WC67	PMEL	BPR	15	Y	5.0000	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	1564.938	M. Eble
113	45.96	-130.00	WC68	PMEL	BPR	15	Y	5.0000	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	1578.740	M. Eble
115	45.93	-129.98	WC69	PMEL	BPR	15	Y	5.0000	09 00:00:00=161.000000	14 00:00:00=166.000000	28801	1558.564	M. Eble
25	34.8667	138.3300	Yaizu	JMA		60	Y	5.5761	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	3.134	Y.Tanioka
89	59.5483	-139.7350	Yakutat	NOS 94532208	IMO	15	?	4.0333	08 06:33:20=160.273148	13 22:41:05=165.945197	32672	5.235	J.Wendland
90	59.5483	-139.7350	Yakutat	NOS 94532201	Aquatrak	60	?	4.0333	08 16:41:00=160.695139	11 20:40:00=163.861111	4560	2.222	J.Wendland
164	9.5120	138.1280	Yap Fed States Micro	UHSLC	ENC	120	N	7.7944	08 23:04:00=160.961111	13 23:02:00=165.959722	3600	9.482	B.Kilonsky
21	34.9500	136.6333	Yokkaichi	JMA		60	N	5.6111	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.402	Y.Tanioka
14	35.4650	139.6403	Yokohama	JMA		60	?	5.8458	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.018	Y.Tanioka
15	35.2778	139.6797	Yokosuka	JMA		60	N	5.0444	08 00:00:00=160.000000	13 00:00:00=165.000000	7201	1.019	Y.Tanioka

Id - Owners / Station Identification:

COE: US Army Corps of Engineers

JMA: Japanese Meteorological Agency

NOS: National Ocean Service, NOAA

PMEL: Pacific Marine Environmental Laboratory, NOAA

PTWC: Pacific Tsunami Warning Center, NWS

UHSLC: University of Hawaii Sea Level Center

blank: Owners of individually maintained Japanese stations not available at this time.

T - Tsunami Visible?:

Y: Indicates tsunami signal is evident above noise levels.

?: Indicates tsunami signal is questionable, but might be evident with more processing.

N: Indicates tsunami signal is not evident above noise levels.

Sensors:

ADR: Data from a punch paper tape transmitted via satellite

Aquatrak: Data from AQUATRAK sensor transmitted via satellite

BPR: Data from PAROSCIENTIFIC sensor

Druck: Data from DRUCK Sensor stored on 64K RAM pack

IMO: Data from IMO Sensor stored on 64K RAM pack

BUB: Data from BUBBLER gauge transmitted via satellite

ENC: DATA from HANDAR ENCODER transmitted via satellite

PRS: Data from NOS PRESSURE TRANSDUCER transmitted via satellite

PTW: Data from NOS PRIMARY WATER LEVEL transmitted via satellite

blank: not available at this time.

ETA - Estimated Time of Arrival:

Tsunami arrival time at each station, relative to the main earthquake shock (June 10, 1996 at 0404 UTC), estimated by means of a modified PTWC travel time code.

Mean:

Mean sea level value removed from data records.